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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=6; day=12; hr=16; min=39; sec=6; ms=376;]

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Application No: 10500804

Version No: 2.0

Input Set:**Output Set:****Started:** 2008-05-16 13:43:54.100**Finished:** 2008-05-16 13:43:57.423**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 323 ms**Total Warnings:** 40**Total Errors:** 29**No. of SeqIDs Defined:** 40**Actual SeqID Count:** 40

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)

Input Set:

Output Set:

Started: 2008-05-16 13:43:54.100
Finished: 2008-05-16 13:43:57.423
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 323 ms
Total Warnings: 40
Total Errors: 29
No. of SeqIDs Defined: 40
Actual SeqID Count: 40

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed
E 257	Invalid sequence data feature in <221> in SEQ ID (21)
E 257	Invalid sequence data feature in <221> in SEQ ID (21)
E 257	Invalid sequence data feature in <221> in SEQ ID (21)
E 257	Invalid sequence data feature in <221> in SEQ ID (21) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

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<120> CELL-PERMEABLE PEPTIDE INHIBITORS OF THE JNK SIGNAL TRANSDUCTION
PATHWAY

<130> 067802-5012-01

<140> 10500804

<141> 2005-01-07

<150> PCT/IB03/00332

<151> 2003-01-09

<150> 60/347,062

<151> 2002-01-09

<160> 40

<170> PatentIn version 3.3

<210> 1

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

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1 5 10

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<211> 12

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<223> Gly or Leu

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<220>
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peptide

<400> 3
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1 5 10 15

Pro Ser Pro Arg Pro
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<210> 4
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

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1 5 10 15

Xaa Ser Xaa Xaa Val Xaa Xaa Pro Pro Ser Pro Arg Pro
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<210> 6
<211> 6
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

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Pro Pro Ser Pro Arg Pro
1 5

<210> 7

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

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1 5 10

<210> 8

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 8

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1 5 10

<210> 9

<211> 12

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

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Thr Gln Pro Met Met Ala Pro Pro Ser Pro Arg Gln
1 5 10

<210> 10

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 10

Leu Asp Ser Leu Cys His Pro Gln Ser Pro Arg Pro

1 5 10

<210> 11
<211> 11
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

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His Pro Phe Leu Val Ser Ser Ser Pro Arg Pro
1 5 10

<210> 12
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 12
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<210> 13
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peptide

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<212> PRT
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peptide

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<210> 15
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<220>
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peptide

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<210> 16
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peptide

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<210> 17
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<212> PRT
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peptide

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<210> 18
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<220>
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1 5 10

<210> 20
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 20
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1 5 10 15

Arg Arg Lys Lys Arg
20

<210> 21
<211> 29
<212> PRT
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<223> Ser or Pro

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<222> (26)..(29)

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<400> 21

Pro Arg Pro Ser Pro Pro Xaa Xaa Val Xaa Xaa Ser Xaa Xaa Xaa Xaa
1 5 10 15

Arg Arg Arg Gln Arg Arg Lys Lys Arg Xaa Xaa Xaa Xaa
20 25

<210> 22

<211> 6

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)..(1)

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<220>
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<400> 22
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<210> 23
 <211> 6
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 23
 Pro Arg Pro Ser Pro Pro
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<210> 24
 <211> 12
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<220>
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<400> 24
 Pro Arg Pro Ser Pro Lys Met Gly Val Ser Val Ser
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<210> 25
 <211> 12
 <212> PRT
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<220>
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<400> 25
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<210> 26
 <211> 12
 <212> PRT
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<220>
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peptide

<400> 26
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1 5 10

<210> 27
<211> 12
<212> PRT
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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 27
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1 5 10

<210> 28
<211> 11
<212> PRT
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<220>
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peptide

<400> 28
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1 5 10

<210> 29
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 29
Ser Phe Pro Ser Phe Phe Pro Gln Gly
1 5

<210> 30
<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

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1 5 10

<210> 31
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1 5

<210> 32
<211> 11
<212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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1 5 10

<210> 33
<211> 12
<212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 33
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1 5 10

<210> 34
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 34

Pro Arg Phe Pro Tyr Thr Leu Ala Met His Glu

1 5 10

<210> 35

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (2)..(3)

<223> Variable amino acid

<400> 35

Pro Xaa Xaa Pro

1

<210> 36

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 36

Arg Lys Lys Arg Arg Gln Arg Arg Arg

1 5

<210> 37

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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<223> Variable amino acid and can represent any number of amino acid residues, including zero

<220>

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number of amino acid residues, including zero

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1 5 10

<210> 38
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 38
Arg Arg Arg Gln Arg Arg Lys Lys Arg
1 5

<210> 39
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peptide

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number of amino acid residues, including zero

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number of amino acid residues, including zero

<400> 39
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1 5 10

<210> 40
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

peptide

<400> 40

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1 5 10 15

Leu Ser Phe Lys Lys Gly Asp Ile Ile Ile Val Leu Glu Lys Ser Asp
 20 25 30

Asp Gly Trp Trp Lys Gly Arg Leu Lys Gly Thr Lys Glu Gly Leu Ile
 35 40 45

Pro Ser Asn Tyr Val Glu Pro Val
 50 55